

Abstract of the Disclosure

The invention relates to the therapeutic use of oligonucleotides as immunostimulatory agents in immunotherapy applications. More particularly, the invention provides immunomers and an immunostimulatory oligonucleotides for use in
5 methods for generating an immune response or for treating a patient in need of immunostimulation. The immunomers and an immunostimulatory oligonucleotides of the invention preferably comprise novel purines. The immunomers according to the invention further comprise at least two oligonucleotides linked at their 3' ends, internucleoside linkages or functionalized nucleobase or sugar to a non-nucleotidic
10 linker, at least one of the oligonucleotides being an immunomodulatory oligonucleotide and having an accessible 5' end.